

IN THE CLAIMS:

Please amend claims 1 and 6 as follows:

LISTING OF CURRENT CLAIMS

1. (Currently Amended) A push button apparatus, comprising apparatus comprising: a micro switch located on a baseboard, an interface structure mounted to the micro switch, a push button top cap having a bottom surface, and a compression spring located between the interface structure and the bottom surface of the push button top cap; cap, the push button top cap further including a protrusive hub extending from the bottom surface for housing s a top section of the interface ~~structure; characterized in that: structure,~~ the top section of the interface structure is hollow and includes at least one pair of independent and opposing upper arms extending upwards, each of the upper arms having an exterior surface ~~which~~ has including a retaining jut formed thereon, the protrusive hub having a receiving opening ~~of a selected height~~ formed at a location corresponding to the respective retaining jut ~~so as to have~~ jut, the top section engaging the protrusive hub, the retaining jut ~~be restrictively slidable~~ being slidably restricted in the receiving opening ~~for~~ allowing the push button top cap to slide with respect to the top section of the interface ~~structure while the top section engaging with the protrusive hub~~ structure.
2. (Original) The push button apparatus of claim 1, wherein the interface structure has a cross section complementary with an inner contour cross section of the protrusive hub.
3. (Original) The push button apparatus of claim 2, wherein the cross section is a square.
4. (Original) The push button apparatus of claim 2, wherein the cross section is a circle.

5. (Original) The push button apparatus of claim 1, wherein the top section of the interface structure includes at least a sliding guide arm located between the upper arms to enhance the top section sliding steadily with respect to the protrusive hub.

6. (Currently Amended) A push button apparatus located on a base board, comprising:

a micro ~~switch~~, switch located on the baseboard;

an interface ~~structure~~, structure mounted to the micro ~~switch~~, switch and
5 having at least one pair of independent and opposing elastic upper arms extending from a peripheral contour thereof, each of the upper arms having an outside surface ~~which has~~ including a retaining jut formed thereon;

a push button top ~~cap~~, cap having a bottom surface and a protrusive hub extending from the bottom surface for housing the upper arms of the interface
10 structure, the protrusive hub having a receiving opening ~~of a selected height~~ formed at a location corresponding to the respective retaining jut; and

a compression spring, located between the interface structure and the bottom surface of the push button top cap; .

wherein, when the upper arms of the interface structure engages with the
15 protrusive hub, the retaining jut is ~~restrictively slidable~~ slidably restricted in the receiving opening to allow the push button top cap ~~sliding~~ to slide with respect to the interface structure.

7. (Original) The push button apparatus of claim 6, wherein the interface structure has a sliding guide arm located between the upper arms to enhance the top section sliding steadily with respect to the protrusive hub.

8. (Original) The push button apparatus of claim 6, wherein the upper arms are formed on the interface structure in a graduation fashion.